



multimedia for living

STANDALONE TV BOX

User's Manual

(Includes Illustration for 32-key Remote controller)

Article Number: 50672

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<http://www.typhoononline.com>

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1 INTRODUCTION

Thank you for choosing Typhoon Standalone TV Box. The Typhoon Standalone TV Box converts your LCD or CRT VGA monitor into a standard TV set without any software installation on your computer. The computer does not even need to be started.

Typhoon Standalone TV Box is specially designed for modern LCD monitors that require XGA (1024x768) input for best display quality and higher than 60Hz refresh rate to activate their internal circuitry. It even has Video-in-VGA Picture-in-Picture feature for the convenience of computer users. You can work and watch TV at the same time on the same screen.

1.1 FEATURES

- Supports NTSC, PAL, and SECAM video standards
- Auto scan TV frequency up to 125 channels
- One composite video input and one S-Video input
- Output refresh rate from 60Hz to 75Hz
- Supports progressive VGA, SVGA and XGA output modes
- Compatible with all LCD and CRT VGA monitors
- Windowed video overlaid on top of computer graphic
- Advanced de-interlacing technology for superb quality
- TV-like On Screen Display function
- Remote controller
- FM radio reception



| | |
|-------------------------------------|--------------|
| Model | 50672 |
| Remote controller | 32-key |
| PiP mode (video-on-VGA) | YES |
| 9-channels scan preview | YES |
| Resizable TV-window during PiP mode | YES |
| 1024x768 | YES |

1.2 PACKAGE CONTENTS

- Typhoon Standalone TV Box
- Power Adapter
- Remote Controller (32-key)
- VGA Loop-back Cable
- AV Cable
- S-Video Cable
- Audio Cable
- FM Antenna

NOTE:

Remote controller in the package:

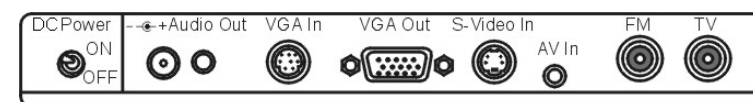
32-key for Article Number: 50672

The features "9-channels scan preview" and "Resizable TV-window during PiP mode" are both available on the 32-key remote controller.



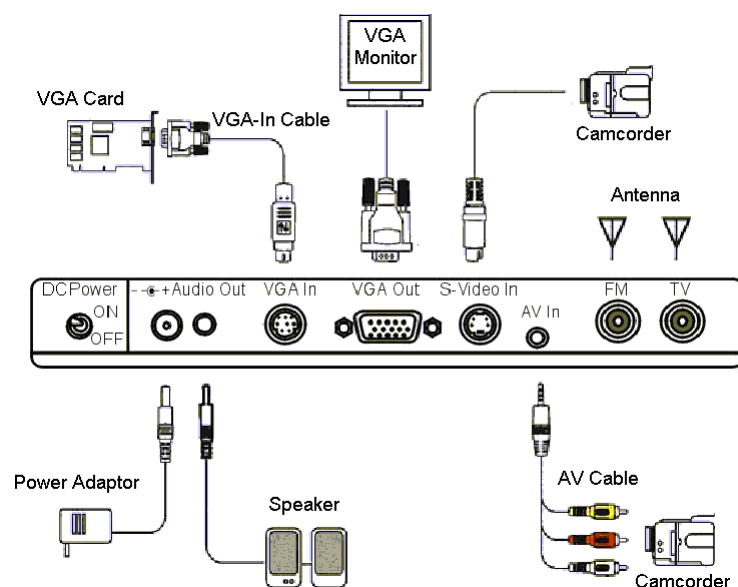
2 INSTALLATION

2.1 CONNECTORS DESCRIPTION



| Function | Description |
|---------------|---|
| TV | 75 Ω IEC (European and Chinese models) or Type-F (USA and Japanese models) connector |
| FM (optional) | RCA female jack |
| AV In | 3.5 mm earphone female jack for AV cable |
| S-Video In | 5-pin mini-DIN female jack |
| VGA Out | 15-pin D-Sub female connector |
| VGA In | 8-pin mini-DIN female jack for VGA Loop-back cable |
| Audio Out | 3.5 mm earphone female jack |
| Power | 5 mm female DC power jack (Inner +, outer -) |

2.2 CABLE CONNECTION



3 USING TYPHOON STANDALONE TV BOX

Typhoon Standalone TV Box supports VGA input refresh rate from 60Hz to 75Hz at 640x480, 800x600 and 1024x768 resolutions during the Picture-in-Picture mode. **Please do not set the VGA resolution higher than 1024x768 and do not set the refresh rate higher than 75Hz.**

3.1 BUTTON CONTROLS



The Typhoon Standalone TV Box buttons except for the button operates in dual mode functions. In the Standard mode, they provide basic maneuverability functions such as AV source selection, channel up/down and volume up/down. In Settings mode, they serve as navigation and selection keys for various video and audio settings. The button itself toggles between Standard and Settings modes.



Standard Mode

| Button | Function |
|--------|---|
| | System on or Settings mode |
| | Cycles through TV/Composite/S-Video/PiP TV/PiP Composite/PiP S-Video/FM/PC VGA inputs |
| | TV/FM channel up |
| | TV/FM channel down |
| | Volume up |
| | Volume down |

Settings Mode

| Button | Function |
|--------|---|
| | Video/Audio and various settings in OSD |
| | OSD Items selection up |
| | OSD Items selection down |
| | OSD Settings up |
| | OSD Settings down |

3.2 LED INDICATORS

| LED | Description |
|-------|-----------------------|
| Red | Power on standby mode |
| Green | System on |



3.3 REMOTE CONTROLLER



NORMAL FUNCTION

| Function | Description |
|--------------|--|
| Power | Power on or standby mode |
| VGA Settle | Settle down new VGA resolution change during PiP mode |
| AV Settings | Video/Audio and various settings in OSD |
| Mode | Cycle through Full-screen-video/FM/PiP-video/VGA-background-FM modes |
| Mute | Mute or un-mute audio output |
| Scan | Scan TV channels |
| Air/CATV | Toggle between Air/Cable TV channels; or settle the FM preset station (ten in total) |
| AV Source | Cycle through TV/Video/S-Video modes |
| VOL | Volume up or down |
| CH | TV channel or FM frequency up or down |
| 0...9, Enter | Direct TV channel/FM frequency input; or recall the FM preset station (ten in total) |
| Recall | Jump to last TV channel or FM frequency |

NOTE: Be sure to press the "Enter" key when using the numeric keypad for direct channel selection.

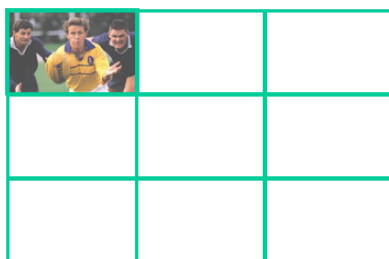
ENHANCED FUNCTION

Following functions are only available for 32-key Remote controller, included in this package.

● How to preview the scanned 9-TV channel

During Full-screen-TV mode, press the button "**Preview/Scale**", then the monitor will display 9-channels-windows scanned gradually.

Press the **arrow-key** Up, Down to get the next / previous 9- channels.



● How to resize the Video-window

During **PIP** mode, press the button "**Preview/Scale**".

Use the **arrow-key** to increase / decrease the size of video-window.




● How to Add/Delete TV channel

Press the button "**Audio**" to +/- Channel.

NOTE: The buttons "**CH+**" and "**CH-**" are not active.

3.4 ON SCREEN DISPLAY CONTROLS

The Typhoon Standalone TV Box On Screen Display (OSD) controls are intuitive and simple to use. The most frequently used functions such as channel up/down, volume up/down, mute, direct channel selection and AV source have dedicated buttons on the remote controller.

The "**AV Settings**" OSD controls are divided into four groups: 1 Video Settings, 2 Audio Settings, 3 Output/VGA Settings and 4 Miscellaneous Settings. These groups are selected by pressing the "**Menu**" button on the remote controller sequentially or by pressing the  button on the unit under the "Settings" mode. Pressing the "AV Settings" button again when the OSD reaching the Miscellaneous Settings will de-activate the OSD controls altogether. The third group Output or VGA Settings is depends on the video mode: Output Settings is for the full-screen video mode while VGA Settings is for the PiP video mode. Under each group, there are several settings that are activated by pressing the "**VOL**" buttons (UP/DOWN in the menu list). Each setting can be adjusted by pressing the "**CH**" buttons. (Increase/Decrease the value)

NOTE: Actual OSD control items and expressions may very due to firmware revision changes.

Video Settings

| Function | Settings | Description |
|------------|----------|--------------------------|
| BRIGHTNESS | Scale | Video brightness control |
| CONTRAST | Scale | Video contrast control |
| HUE | Scale | Video hue control |
| SATURATION | Scale | Video saturation control |

Audio Settings (Available in stereo models only)

| Function | Settings | Description |
|----------|-------------------|---|
| TV SOUND | MAIN, SAP, STEREO | Select between main, secondary audio program or |



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| | | |
|----------|---------|---------------------------------|
| | | stereo TV sound |
| 3D SOUND | ON, OFF | 3D surround sound effect switch |

Output Settings (Available in full-screen video mode only)

| Function | Settings | Description |
|------------|----------------------------------|---|
| RESOLUTION | 640x480, 800x600, 1024x768 | Select between 640x480, 800x600 or 1024x768 output resolution |

VGA Settings (Available in PiP mode only)

| Function | Settings | Description |
|------------|----------|---|
| H_POSITION | Scale | Panning the entire VGA screen horizontally |
| V_POSITION | Scale | Panning the entire VGA screen vertically |
| DEFAULT | ON, OFF | Toggle between default or user defined positioning settings |

Miscellaneous Settings

| Function | Settings | Description |
|-------------|-------------------------------------|--|
| TV STANDARD | NTSC USA, NTSC JAPAN | TV system selection; available options are model specific |
| | PAL B/G, PAL D/K | |
| | PAL D/K, PAL I | |
| | PAL B/G, PAL I, PAL D/K, SECAM L/L' | |

- end -